THE BIRTCHER CORPORATION

4371 VALLEY BLVD., LOS ANGELES 32, CALIFORNIA

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PRINTED IN U.S.A. FORM 618-B1 5M 7-54 CP

THE Birtcher CORPORATION

SOMEWHAT over eighteen years ago after more than ten years of personal experience in the manufacture and distribution of electromedical-surgical equipment, with the help of our present Chief Engineer and Production Manager, Albert G. Babeaux, I founded The Birtcher Corporation. We have tried to keep actively vital a policy established then of "Honest Value Sincerely Presented."

Perhaps due to close adherence to such a policy, our company has become the world's largest volume producer of electromedical-surgical equipment and Birtcher products are now in use by more than 150,000 doctors and hospitals throughout the United States and in over 70 other countries. Our entire staff in sales, in engineering and production continue to pledge themselves to this basic policy.

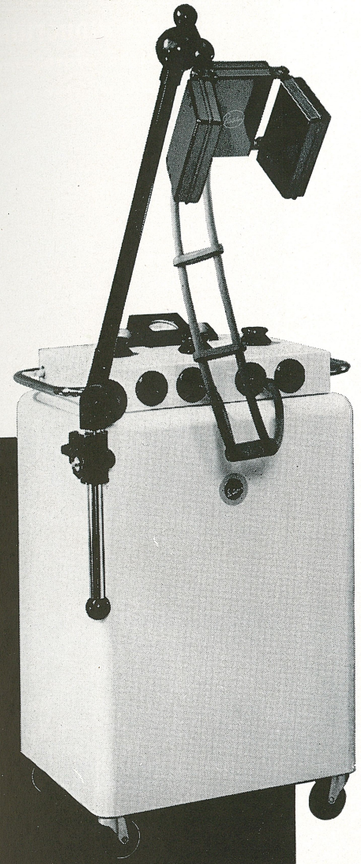
C. J. Birtcher

Birtcher

THE BIRTCHER CORPORATION

Los Angeles 32

Birtcher products are ethically distributed throughout the world by those established professional dealers who are best qualified to give competent and faithful service to the physician.



BIRTCHER

NO. 800

Crystal BANDMASTER

S. W. Diatherm

WITH THE NO. 804

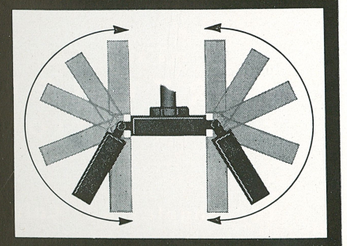
NEW TRIPLE INDUCTION DRUM

The Crystal Bandmaster Short Wave Diatherm has passed examination of the following bodies and bears their acceptance or approval.

- F.C.C. APPROVAL NUMBER D-474
- AMERICAN MEDICAL ASSOCIATION COUNCIL OF PHYSICAL MEDICINE
- UNDERWRITERS LABORATORY APPROVAL NO. E-6801
- CANADIAN STANDARDS ASSOCIATION
- DEPARTMENT OF TRANSPORT CANADA NO. 6

The Birtcher Crystal Bandmaster Short Wave Diatherm combined with the new Triple Induction Drum provides better diathermy application. The Triple Induction Drum affords a method for applying the large area technic which is being recognized as the outstanding advantage of short wave diathermy over other methods of producing heat in deep tissue. Because it provides true electromagnetic induction, it generates heat in the deep tissues with minimum surface heat.

The Triple Induction Drum is easily adjusted to any part of the body with complete comfort. This in turn assists in the efficiency of a sedative treatment to the patient. The Triple Induction Drum, because it is so readily adaptable to all bodily contours, may be used as a single applicator for practically all diathermy treatments. Since the energy is distributed evenly over the treatment area, hot spots are eliminated and a more uniform heating is accomplished.



The two wing drums of the new Triple Induction Drum have a 180 degrees range of rotation permitting adjustment to all bodily contours. By adjusting either of the movable end drums, the doctor can now reach and treat anatomical parts hitherto inaccessible for uniform diatherm treatment. The three drums may be used together or in different combinations for localized or large area technics.

REFER TO CURRENT PRICE LIST

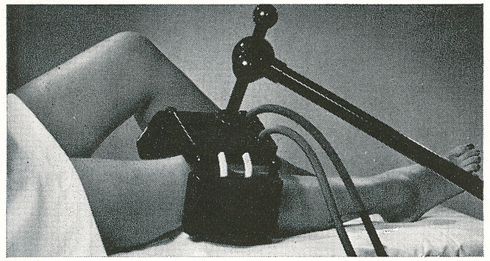
BIRTCHER

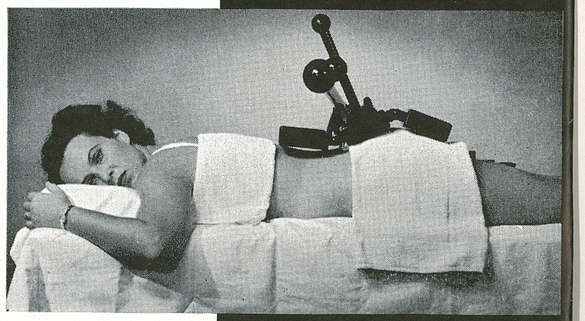
NO. 804

TRIPLE INDUCTION DRUM

Conforms to Body Contours

The outstanding advantage of the Triple Induction Drum is the ease and simplicity of application to any and all body contours . . . concave and convex. But since the total area of the three drums is much greater than the area of the conventional round drum, the energy emitted **per square inch** is thereby reduced. Consequently, considerable total energy may be introduced into the deeper tissues without excessive heating of the outer surfaces. From a safety viewpoint, this is desirable . . . from a treatment viewpoint, it is much superior as it reduces nerve irritability caused by high skin temperatures. It is universally appreciated that a sedative technic produces the best end results in diathermy treatment. The Triple Induction Drum makes such a technic routinely possible.





The four pictures on this page show areas customarily very difficult to treat satisfactorily. With the Triple Induction Drum, note the simplicity of application. Not only is the technic simpler but the actual treatment will be better because of the larger area under the influence of the induction field. For low backs it is most excellent and may be used parallel to the spine as shown or at right angle to the spine if preferred. Even distribution of the energy over the whole area promotes superior end results.

The No. 804 Triple Induction Drum may be installed on all Crystal Bandmaster S.W. Diatherms now in service. It is optional equipment which may be purchased and substituted for the No. 604 C Round Disc Drum which is standard equipment on the Crystal Bandmaster.

Form 321-B17 1500 12-51

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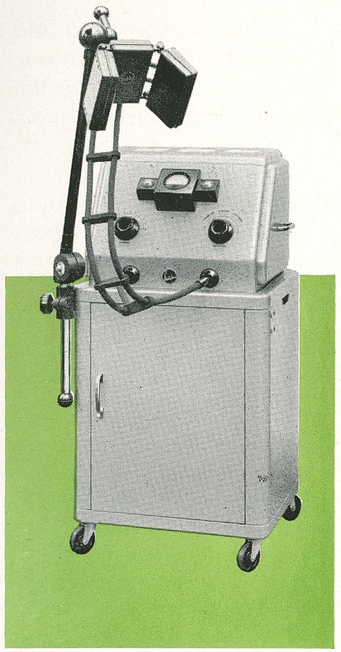
THE TRIPLE INDUCTION DRUM

Better diathermy with greater ease

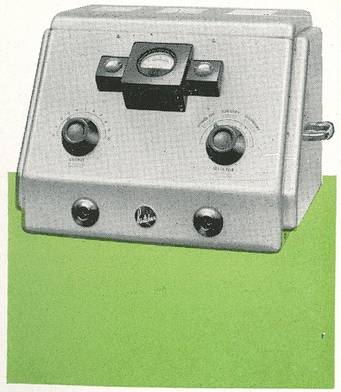
THE BIRTCHER CORPORATION

Los Angeles 32, Calif.

COMPLETE UNIT WITH ADJUSTABLE INDUCTION DRUM



The complete unit shown above consists of the No. 850 Challenger S.W. Diatherm, the No. 851 Sub-Cabinet and the No. 854 Adjustable Drum on the No. 853 Treatment Arm. An outstanding unit for all treatment technics at their best.



No. 850 Challenger S.W. Diatherm. The Challenger unit shown above is a complete short wave diathermy which may be mounted on any suitable table or cabinet or may be easily transported as a semi-portable unit. Complete with Line Cord, 2 Pads and 2 Cuflex Electrodes.

CHALLENGER

SHORT WAVE DIATHERM

F.C.C. APPROVAL — NO. D529
FOR CABLE—PADS—CUFFS OR
ADJUSTABLE INDUCTION DRUM
ALL METHODS OF APPLICATION

NO. 850 CHALLENGER
NO. 851 MOBILE SUB-CABINET

THE CHALLENGER is housed in a rugged cabinet of aluminum alloy. It is finished in gleaming opalescent gray hammertone baked enamel, handsome and extremely durable. The No. 851 Sub-Cabinet (same finish) has roomy storage space and is easily mobile on its large swivel rubber casters. Standard accessories consist of Line Cord, 2 Pad Electrodes (8 x 10) and 2 Cuflex Electrodes.

A WORTHY SUCCESSOR TO A FAMOUS PREDECESSOR

Birtcher

Los Angeles 32

BIRTCHER BUILT **CHALLENGER** SHORT WAVE DIATHERM

PROVIDES ALL METHODS OF APPLICATION

The justly famous prewar Challenger, predecessor of the new Challenger, won world wide fame for its stamina and trouble free performance in all climates and temperatures. The new Challenger has been built to retain all of the virtues of the earlier model together with added features to maintain and improve a justly earned reputation.

CONDENSER PAD ELECTRODES. All types of pad electrodes may be used with the Challenger. Its frequency of 27.12 m.c. makes the conventional pad technics effective, such as sinus masks or Caput electrodes, air-spaced vaginal or prostatic electrodes.

CUFLEX ELECTRODES are especially effective in adaptable technics. A pair of Birtcher Cuflex Electrodes are furnished with the Challenger as original equipment. Many eminent authorities agree that cuff methods of application provide most efficient diathermy to deep tissues.

INDUCTION CABLE. The Challenger develops proper currents for use of a true magnetic induction cable. The Birtcher No. 648 twelve foot Induction Cable is recommended. Cable technics are favored by most authorities.

ELECTROSURGERY. A special Surgical switch on the Challenger provides for smooth and effective minor surgery currents. Cervical conization as well as many common office technics are thus made possible.

ADJUSTABLE DRUM. A special Adjustable Drum, designed especially for use with the Challenger, is adjustable to all body contours, By its use, the wide area technics may be efficiently applied thereby securing unexcelled diathermy treatment as so many authorities now agree. The treatment arm and Adjustable Drum is quickly attached to the #851 Sub-Cabinet and may be included as original equipment or added later.

SIZE OF THE CHALLENGER UNIT

20 inches wide– 15 inches deep–
14½ inches high.
Weight of the unit 52½ lbs.–
Sub-Cabinet 23½ lbs.
Combined 76 lbs.

ELECTRONIC CONTROL: Frequency stability is maintained at all times due to the electronically stabilized character of the Challenger circuits, thus no accessory devices are needed to keep the unit functioning in its F.C.C. assigned frequency. This means continuous and uninterrupted performance.

AMPLE POWER: More diathermy energy is generated by the Challenger than is needed for any of the treatment work encountered. Adequate deep heat can be induced to satisfy the most exacting requirements.

SIMPLE OPERATION: A single operating knob on the Challenger easily and effectively controls the power requirements for all diathermy applications. Thus operating the unit is reduced to the ultimate simplicity making it possible for the technician or nurse to immediately and quickly master the operation of the equipment correctly.

BEAUTY AND STAMINA: The Challenger and the Sub-Cabinet are both made of a strong but light weight aluminum alloy. The finish is an opalescent gray hammertone baked enamel, handsome in any surroundings and extremely durable. The Challenger Short Wave Diatherm is built on an independent cadmium plated chassis, self contained so that it may be removed in total from the cabinet for testing or repair.

TECHNICAL DATA: The Challenger has a rectified, full wave, push-pull circuit. Its power supply consists of a separate filament transformer and a main power transformer energizing 2-rectifier tubes (Type 966) and 2-oscillator power tubes (Type UX-CVII). The use of the 4 tube, rectified circuit provides greater power output and higher electrical efficiency.

501 T-18 1M 5-54 PRINTED IN U.S.A.

NEW FEATURES

NEW POWER

Higher levels of power in both the tube cutting and the sparkgap coagulation circuits have been built into the new Hospital Unit. This promotes swifter and cleaner cutting and also completely adequate hemostasis.

NEW VOLTAGE CONTROL

This is an entirely new feature on Electrosurgical equipment. Now, even should line voltage entering the operating room be inadequate (as is so often the case especially in older hospitals) the Voltage Control can be used to adjust and compensate for either low or high voltage, bringing the operating voltage to the proper level. This assures that the Unit will be operating at all times at its peak performance. Nothing could be more important to assure brilliant electrosurgery at all times, year after year.

NEW STABILIZED SPARKGAP

An abundant and uniform supply of damped, high frequency current is mandatory for fine electrosurgery. An entirely new Stabilized Sparkgap assembly has been incorporated in the Hospital Unit. Its gaps are pre-set at the factory for maximum performance. Since they are temperature compensated, they will need no resetting for years . . . possibly for the life of the unit. Should replacement eventually become necessary, the whole assembly can be removed and replaced in a mere matter of minutes, as simple as replacing a tube. Thus continuous and dependable damped current for hemostasis is always available.

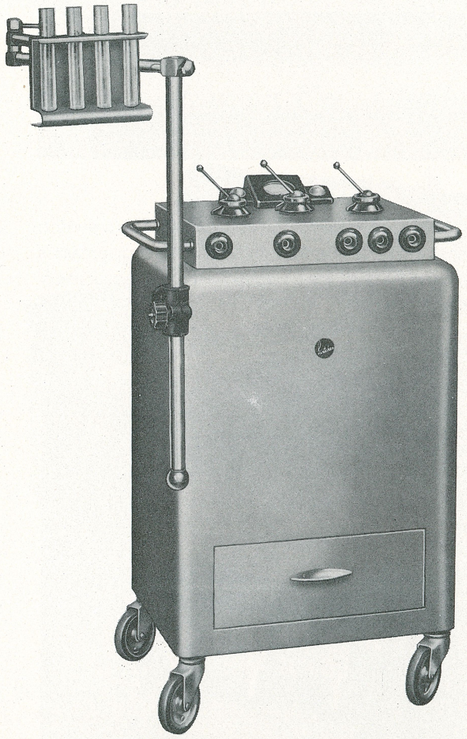
NEW BEAUTY AND MOBILITY

This new unit is beautifully finished in gleaming gray Hammertone baked enamel. Knobs and outlet terminals are of shining black molded bakelite. A generous drawer is provided for accessories. The entire ensemble is very attractive and highly suitable. Two large chrome handles and the four large swivel, ball-bearing casters make the Unit easily mobile by even a small nurse.

BIRTCHER ELECTRO-SURGICAL UNIT

A Tube Circuit for Cutting — **A Spark-Gap Circuit for Coagulation**

The Mixed-Blend of Both



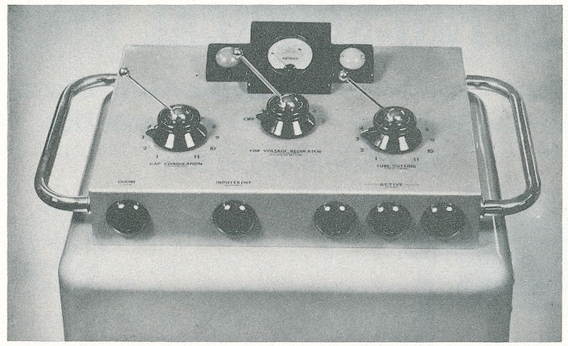
CAT. No. 799-H • HOSPITAL UNIT

Birtcher Electrosurgical Unit, Hospital Model, in one-piece steel cabinet, finished in handsome opalescent gray Hammertone baked enamel. Equipped with large 4" special ball-bearing casters. These casters have the new special rubber tires that are self grounding. The whole unit has extraordinary mobility. Complete with Tubes, Triple Pedal Footswitch, Line Cord (12 ft.) with twist-lock connection, Indifferent Electrode of stainless steel set in molded rubber, cystoscope attachment cord, three removable chrome steri-handles, two bakelite sterilizable surgical handles with swivel type cords and an assortment of twenty different surgical electrodes.

Cat. No. 798-H Chrome Adjustable Electrode Holder (shown in illustration but not included in above price) with corner casting for mounting. The Holder and Arm can be completely dismantled easily for sterilization in autoclave if required. Recommended accessory to keep extra active electrodes within easy reach during operation.

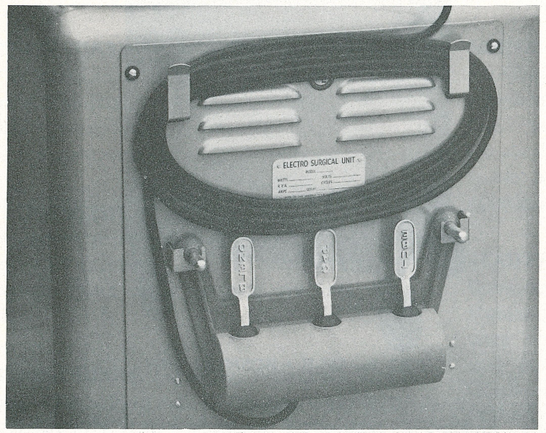
REFER TO CURRENT PRICE LIST

NEW FEATURES OF THE 799-H HOSPITAL UNIT



No. 799-H OPERATING PANEL

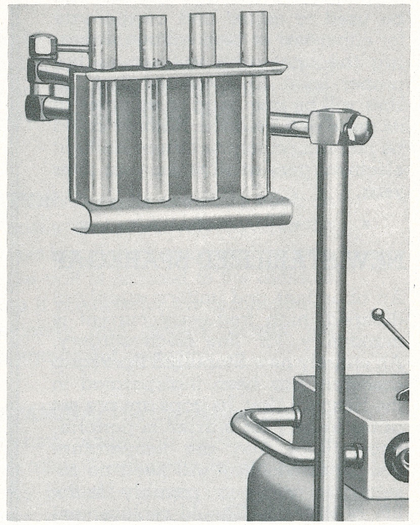
Operating switch controls are plainly marked. Each switch is indexed in twelve power positions so that the operator's technic, once established, can be reproduced accurately when required.



TRIPLE FOOTSWITCH HANGER

On back of the unit is a clever provision for holding the Three-Pedal Footswitch when not in use. The footswitch may be left attached to the unit and ready for instant use...always at hand. A hanger for the line cord is also incorporated. Both footswitch and line cord have safety twist-lock plugs and receptacles. Just another refinement for safety and speed.

On the operating panel will be seen the meter for reading line voltage and a central knob for voltage control. The knob on the right is for control of the cutting current and is plainly indexed. Three active outlets for surgical handles are provided permitting three active electrodes to be ready at hand. The outlet on the far left provides a Mono-terminal Oudin current for fulguration technics. Simplicity and visibility predominate.



No. 798-H ELECTRODE HOLDER

The Instrument Holder (optional), illustrated above, is of chrome, stainless steel and Pyrex glass. The whole assembly can be quickly dismantled for autoclave if desired. It is readily adjusted for the surgeon's convenience. For Urological work a large stainless steel pan is furnished instead of the Pyrex tubes and holder. The pan may be adjusted to be near the operative field to hold instruments when not in use (optional).

FORM 501-T4 2500 3-54 K-I PRINTED IN U.S.A.

As easy to carry as a portable typewriter... with all the facilities of a major unit.

TRULY PORTABLE

With Big Unit Performance

FOUR BIG UNIT FEATURES . . .

All on the Blendtome Electrosurgical Unit.

- **True undamped tube cutting current.**
- **True damped sparkgap currents for all hemostasis and coagulation technics.**
- **Blended cutting and coagulation simultaneously on the electrode.**
- **True Oudin mono-polar currents for all fulguration and desiccation technics.**

•

Control of bleeding is accomplished by the sparkgap current . . . may be used separately or blended with the cutting current. Ample power for splendid coagulation.

•

An Oudin mono-polar current is provided on the Blendtome Unit...a special feature usually found only on the finest electrosurgical units. Useful for fulguration and desiccation....so often required for proctology and gynecology.

•

Ease and speed of cutting such as you have never before experienced in a unit of this size. It cuts like a major unit and has a wide range of selection.

•

Birtcher

BLENDTOME

PORTABLE ELECTROSURGICAL UNIT

A Tube Circuit For CUTTING — **A Spark-Gap Circuit For COAGULATION**

The Simultaneous Use of Both Blended

CATALOG NO. 750 CODE WORD "BLESU"

The Blendtome Electrosurgical Unit is a Truly Portable unit designed primarily for work in the private clinic. While originally intended to perform office technics such as cervical conizations, proctological work and similar procedures, actual work by the unit proved that it was so amply powered that it performs most creditably in the more severe demands met in transurethral resection. Many Urologists have purchased the Blendtome as a portable standby unit for transurethral work and pronounce it adequate.

Cat. No. 750 Blendtome Portable Electrosurgical Unit complete in black alligator finish carrying case, compartment in the lid for accessories; with No. 751 stainless steel, rubber backed Indifferent Electrode; 12-foot Line Cord; No. 790 Foot Switch; No. 795X Surgical Handle and 6 assorted electrodes and No. 725 A.C.M.I. Cord. For use with 110-120 volt, 60 cycle alternating current. For other voltage or frequency, see price list.

FOR PRICES REFER TO CURRENT PRICE LIST

Net weight of the Blendtome is 28 lbs.
Shipping weight approximately 40 lbs.

Fields of usefulness

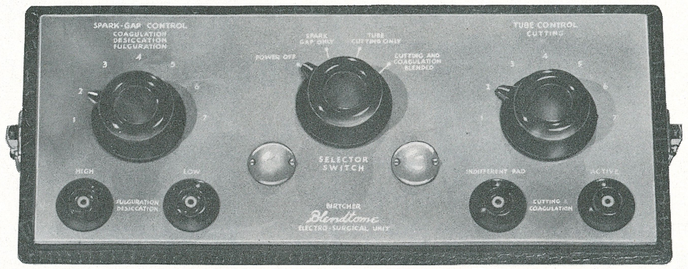
Gynecology
The Blendtome will do a brilliant Conization of the Cervix. Cervical erosions and endo-cervicitis also offer splendid opportunity for the Unit.

Urology
As a stand-by unit for use in transurethral work the Urologist will be amazed at the splendid performance of the Blendtome Unit in both dry and wet fields.

Proctology
Here is a field where the Blendtome should excel. In rectal or sigmoid polyps both the fulguration and the cutting currents are most useful; likewise in hemorrhoids and other growths.

General
For biopsy, removal in mass of growths, large or small, and in a host of daily uses that are encountered in general practice, the Blendtome is a fine all-around instrument for use in the private clinic.

A "*Truly Portable*" UNIT
With Big Unit Features

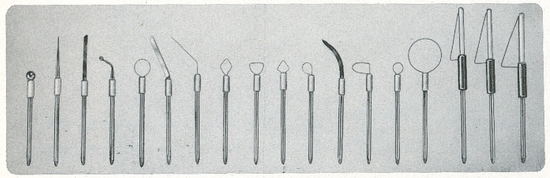


Operating Panel of the Blendtome Unit

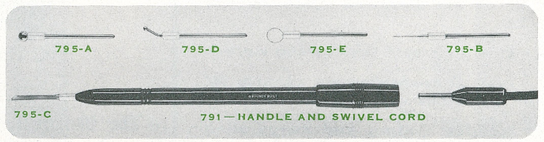
The Blendtome embodies two complete machines in one case. The left hand side of the machine contains the sparkgap circuit and its controls while the right hand side contains the tube cutting mechanism and its controls. The central Selector Switch provides instant selection of the current desired or the simultaneous blend of both. The power of each current is controlled by its individual control knob. Thus complete flexibility of the unit is assured simply.

The Blendtome will cut swiftly and surely at all power levels with no blocking or drag, being superior in this respect to all small units here-to-fore available. The sparkgap portion of the Blendtome furnishes splendid currents for fulguration, either fine or intense, and also an ample current for biactive or bi-terminal coagulation. The Urologist, Gynecologist and the Proctologist will find these currents to be most useful and satisfactory.

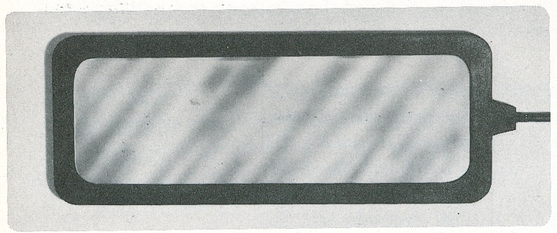
Electrosurgical Electrodes for use with the Blendtome



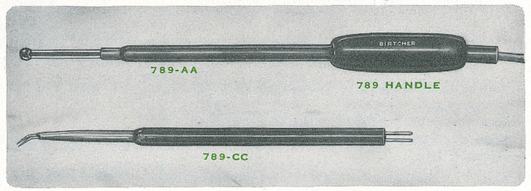
For full size listing of above electrodes refer to catalogue page "Electrosurgical Electrodes."



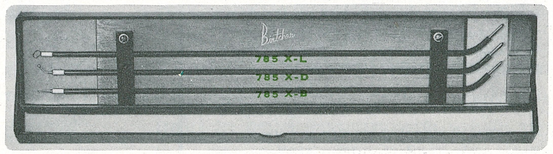
No. 795X Surgical Set with bakelite handle, swivel cord 72" long and 5 assorted electrodes.



No. 751 Indifferent Electrode. Polished stainless steel, rubber backed for durability, safety and cleanliness. Made especially for use with the Blendtome.



No. 789 Biactive Electrode Set. Optional but may be used with the Blendtome for coagulation of tonsils, cervical canal and other uses.



No. 785X Proctological Set of 3 assorted, long 14" electrodes specially for use in the sigmoid through the proctoscope or sigmoidoscope.

FOR PRICES REFER TO CURRENT PRICE LIST

FORM 501-T16 2500 3-54 K-I PRINTED IN U.S.A.

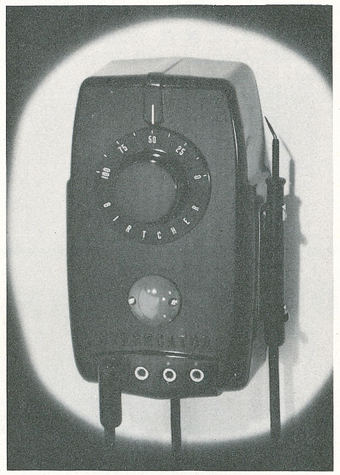
The NEW....IMPROVED
HYFRECATOR
for
ELECTRO—
—COAGULATION
—DESICCATION
—FULGURATION

Styled by
WALTER DORWIN TEAGUE
World Famous Industrial Designer

The new, improved Hyfrecator combines beauty of design with maximum of function.

Over 50,000 Hyfrecators in Daily Use in Every Field of Practice

DERMATOLOGY GYNECOLOGY UROLOGY PROCTOLOGY
OPTHALMOLOGY E.E.N.T. GENERAL PRACTICE



The New Hyfrecator permits improved accuracy of control and dosage in all technics . . . desiccation, fulguration and bi-active coagulation. It provides physicians with a convenient and proven method of removing warts, moles and other growths with damped, high-frequency currents and of carrying out office technics of bi-active coagulation.

The New Hyfrecator now has all four outlets on the front for improved visibility and ease of operation. A new double spark-gap control increases available power and accuracy of control of all currents.

The No. 712 Set provides for Fulguration and Desiccation technics only.

The No. 709 Set provides all three technics: Bi-Active Coagulation, Desiccation and Fulguration.

Catalog No. 712

HYFRECATOR SET FOR DESICCATION-FULGURATION. Includes one No. 710 four-outlet Hyfrecator; one No. 711-A handle with Nos. 711-B, curved, and 716 straight, needles; one No. 790 foot-switch; Instruction Booklet: "Symposium on Bi-Active Coagulation and Electro-Desiccation."

Catalog No. 709

HYFRECATOR SET FOR BI-ACTIVE COAGULATION, DESICCATION AND FULGURATION COMPLETE. This set includes same accessories as set No. 712 and in addition the No. 789 Bi-Active Electrode Set. (Described on next page.)

No. 707 DC-AC CONVERTER
The HYFRECATOR operates on Alternating Current only. Where 110 volt DC current is available, the No. 707 Converter is recommended to convert DC to AC.

If Hyfrecators are required other than standard 110-120 volts, 50-60 cycles, they can be furnished on special order at a small additional cost. See Price List "Special Voltages and Frequencies."

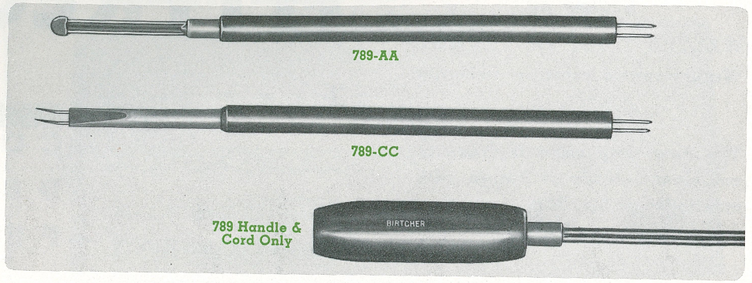
GUARANTEE—The unit is guaranteed for a period of 6 months, against defects. Any unit returned to the factory during this period will be repaired with new parts without charge. Transportation charges must be prepaid to the factory.

THE BIRTCHER CORPORATION

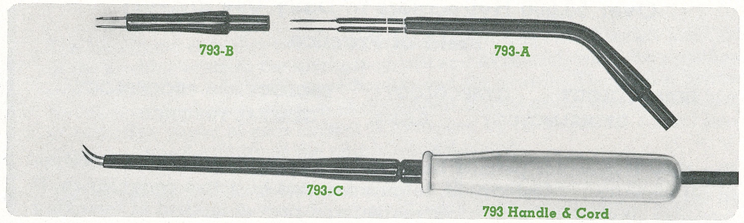
BI-ACTIVE COAGULATION ELECTRODES

All of these Electrodes may be used with Hyfrecator, Electro-Surgical Unit or any conventional type of S. W. Diatherm.

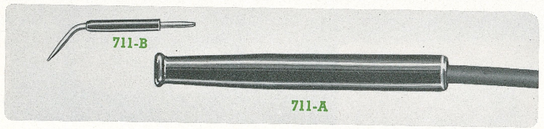
Catalog No. 789, Code Word "COAGU"
BIRTCHER BI-ACTIVE COAGULATION SET. Provides tips for coagulation of cervical canal, cervical cysts and erosion, tonsil tags, rectal tags and all types of surface growth



Catalog No. 793, Code Word "SEINT"
WILIMAC E. E. N. T. COAGULATION SET. Complete with 3 tips for tonsil, turbinate and surface bi-active coagulation



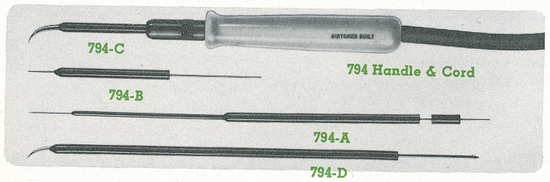
DESICCATION—FULGURATION ELECTRODES



Catalog No. 711, Code Word "HYNED"
Hyfrecator Needle Set. Handle and one No. 711-B curved desiccation-fulguration needle

Catalog No. 711-A, Code Word "HYNAN"
Hyfrecator Desiccation-Fulguration Handle

Catalog No. 711-B, Code Word "HYDLE"
Desiccation-Fulguration Needle



Catalog No. 794, Code Word "SUNIV"
Universal Desiccation-Fulguration Set. Complete with handle and 4 tips

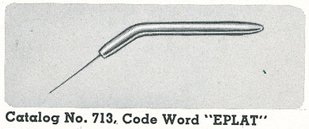
Catalog No. 794-A, Code Word "UNIVA"
Desiccation Needle with Sliding Sheath. For submucous dehydration of turbinates

Catalog No. 794-B, Code Word "UNIBE"
Short Desiccation Needle. Very fine

Catalog No. 794-C, Code Word "UNICI"
Curved Desiccation-Fulguration Needle. Short

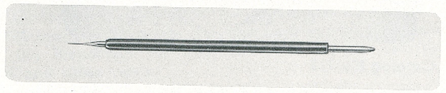
Catalog No. 794-D, Code Word "UNEED"
Curved Desiccation-Fulguration Needle. Long, insulated shaft permits desiccation within body orifices

When ordering please specify make and model of machine with which Electrodes are to be used.



Catalog No. 713, Code Word "EPLAT"
Epilation Needle. Extra fine, for gross or ordinary hairs. Not sold separately.

Catalog No. 714, Code Word "EPSET"
Epilation Needle Set. Six No. 713 needles



Catalog No. 716, Code Word "TIDEN"
Tissue Desiccation Needle. Fits No. 711-A Handle

ALL OF THE ABOVE ELECTRODES MAY BE USED WITH HYFRECATOR OR ANY APPARATUS WITH A MONO-TERMINAL HIGH FREQUENCY OUTLET.

Birtcher

THE BIRTCHER CORPORATION

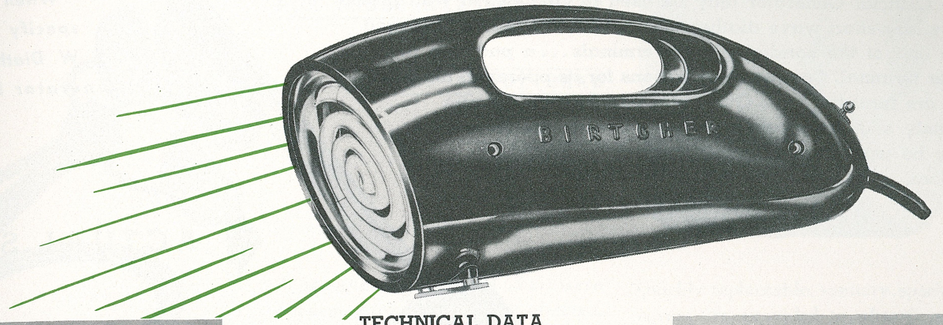
Los Angeles 32

FORM 501-T8 2500 3-54 K-I PRINTED IN U.S.A.

BIRTCHER **SPOT-QUARTZ** LAMP
TRADE MARK

An Ultra Violet Spotlight for Intense Localized Radiation

Housed in a Gleaming Black Bakelite Case



Always at Hand
Instantly available . . . A safety, wall bracket is supplied for neat, easy mounting. Eliminates the "getting ready" of cumbersome equipment.

TECHNICAL DATA

The Spot-Quartz Lamp operates on 110-120 volts, 50-60 cycle, alternating current only. It weighs but 54 ounces. Its ultra violet emission is 95% within the band at 2540 angstroms. This band is highly germicidal and also is very active in the production of erythema but with a minimum of pigmentation. Because the quartz grid operates at very low temperature, treatment at actual skin contact is possible. The Spot Quartz produces an intense radiation . . . at this close distance a first degree erythema in 6 seconds at contact is produced.

Being "Always at Hand and Easy to Handle" the Spot-Quartz Lamp is ideal for the busy medical office.

Belongs in Every Doctor's Office

Easy to Handle
For those hard-to-get-at places . . . in the hair, back of the ears and such difficult places are easily accessible to Spot Quartz radiation.

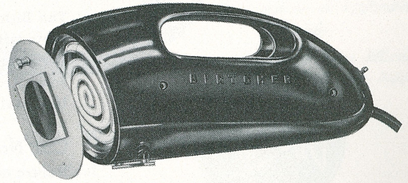
Catalogue No. 625 SPOT-QUARTZ LAMP

Code Word "SPOTQ." Complete with 8-foot line cord, safety wall bracket, 2-inch localizing mask; to operate on 110-120 volts, 50-60 cycle alternating current. Shipping Weight 8 Lbs. Shipping Size 7x8x15½

Catalogue No. 627 WOOD'S FILTER FOR FLUORESCENT DIAGNOSIS

EXTRA ACCESSORY

The Wood's Filter permits the passage of Filtered Ultra Violet (BLACK LIGHT.) Viewed in a darkened room, many substances glow with brilliant varicolored fluorescence under BLACK LIGHT. Accurate detection and classification of fungi, the timing of blood circulation in cardiac cases, and the extremely important work now being done in peripheral vascular conditions are but a few of its many uses.



with **WOOD'S FILTER** *for*
DUAL PURPOSE

The Wood's filter doubles the usefulness of the SPOT-QUARTZ LAMP. It makes it useful in both diagnosis and treatment.

Quickly applied or removed from the lamp.

REFER TO CURRENT PRICE LIST

THE BIRTCHER CORPORATION

Los Angeles 32

SHORT WAVE

ULTRA-VIOLET GENERATOR

FOR ORIFICIAL APPLICATION

The Orificial Generator may be used in conjunction with practically any short wave diathermy machine. It is simply plugged into one of the condenser pad terminals . . . a pad into the other terminal. Complete instructions for its operation and use are furnished. The Quartz Orificial burner operates at only slightly above body temperature, therefore may be used with complete comfort in all body orifices.

When ordering, specify make of S. W. Diathermy the Generator is to fit.

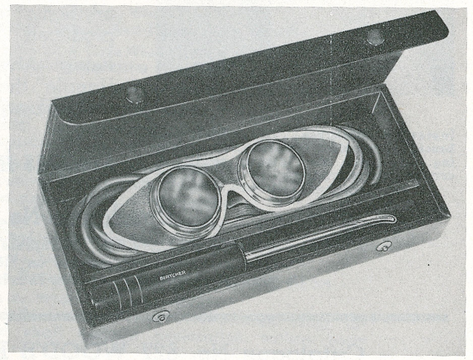
ACTUAL SIZE

Intensity of the burner may be controlled and intensified by the S. W. Diathermy controls so that the utmost value of the Quartz-mercury burner may be attained.

The Ultra-Violet radiation emitted by the Orificial Generator is 90 percent in the spectrum band at 2537 Angstrum Units.

This wave band is highly germicidal and produces an active erythema when required.

Complete instructions, including Time-Distance Chart, are furnished with the Generator.



Cat. No. 620-B — Code Word ULVOR

The Birtcher S. W. Orificial Ultra-Violet Generator, complete with cord, handle, safety goggles and three feet of special sleeving to protect orificial entrances, in a handsome Keratol covered case; ready to plug into condenser terminal of any make of S.W. Diathermy. (Specify make)

Cat. No. 622-B . . . Quartz Burner Replacement Unit
Return old handle and Burner for exchange.

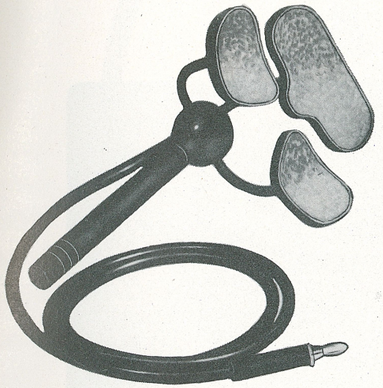
REFER TO CURRENT PRICE LIST

THE BIRTCHER CORPORATION

Los Angeles 32

SHORT-WAVE

CAPUT APPLICATOR



FOR THOSE HARD-TO-TREAT PLACES ABOUT HEAD AND NECK

A *scientifically* designed short-wave applicator for the treatment of *sinus, antrums, eyes, tonsils, mastoids, etc.*

Three independent, *malleable* electrodes mounted upon *flexible arms* permit fitting the electrode to *any facial contour.*

Quickly replaceable, sanitary spacing covers are provided to *absorb perspiration* and establish proper *spacing* between electrodes and patient's skin.

Each electrode may be used *independently* or in *combination* with the others.

For use with any conventional make of short-wave

Applies the heat exactly where it is wanted.

May also be used for any part of the body where the treatment must be localized.

Permits treatment in best position for drainage.

Painless treatment of very sensitive sinuses and antrums.

The only practical means of administering short wave therapy to the eyes.

Needs no tying or strapping in place.

Fills a Treatment Need . . .

Medical literature abounds with favorable reports on the benefits of short-wave therapy in acute and chronic sinusitis, tonsilitis, and inflammatory conditions about the head and neck.

However, the mechanical difficulties of tying and adjusting existing electrodes, which require covering the face with towels or other spacing material, bring frequent objections from both physicians and patients. Treating the frontal sinuses without involving the antrums and surrounding areas is difficult; no precision of application is possible with the ordinary electrode.

All of these difficulties and problems are eliminated by the Caput Applicator.

BIRTCHER-BUILT

Catalog No. 656 • CAPUT APPLICATOR • Code Word "Caput"

Complete with 15 sets of sanitary spacing covers in individual cellophane bags

Extra sanitary spacing covers per box of 4 dozen sets
Code Word "Capco"

Shipping Weight 5 lbs.
Shipping Size 12½x8½x8½.

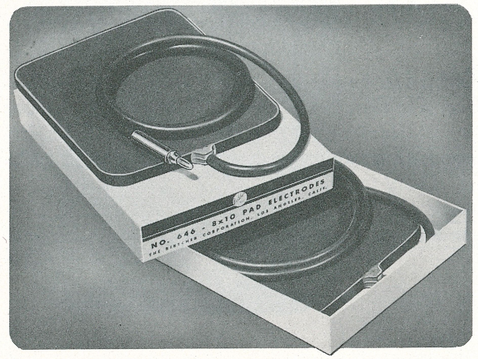
REFER TO CURRENT PRICE LIST

THE BIRTCHER CORPORATION

Los Angeles 32

SHORT WAVE DIATHERMY ELECTRODES

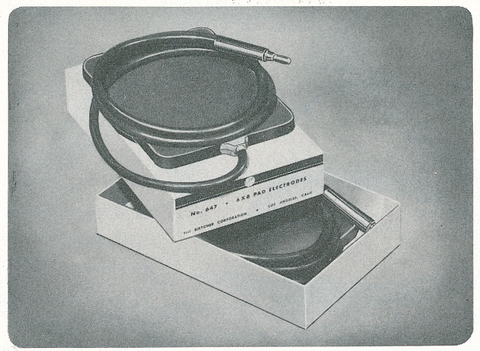
Specify make and model of machine on which electrodes are to be used.



CATALOG NO. 646

Code Word "Elpad"

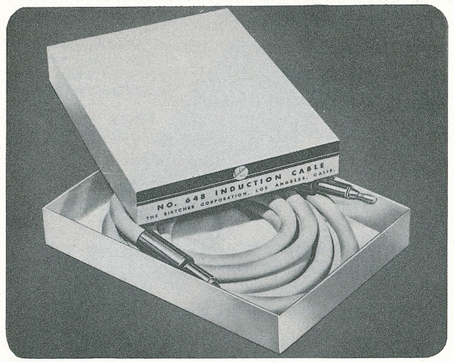
• **8"x10" MOLDED RUBBER PAD,** for condenser circuit of any make of short wave diatherm.



CATALOG NO. 647

Code Word "Elsma"

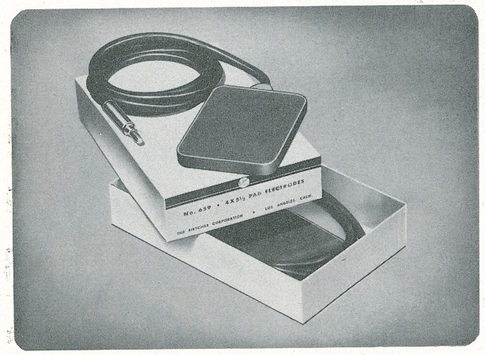
• **6"x8" MOLDED RUBBER PAD,** for condenser circuit of any make of short wave diatherm.



CATALOG NO. 648

Code Word "Elcab".

• **INDUCTION CABLE,** 12½ feet long, for cable circuit of short wave diatherms; highly flexible.



CATALOG NO. 659

Code Word "Eltin"

• **4"x5½" MOLDED RUBBER PAD,** for condenser circuit of any make of short wave diatherm.

FOR PRICES REFER TO CURRENT PRICE LIST

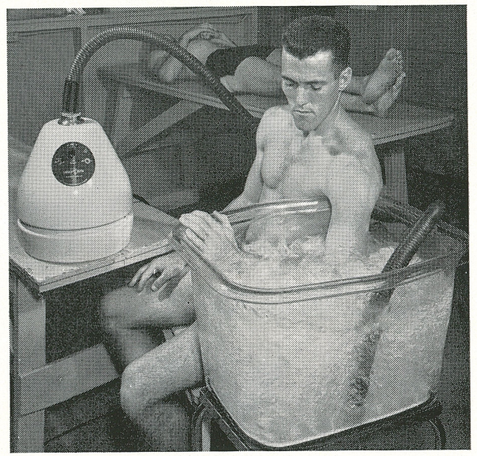
THE BIRTCHER CORPORATION

FORM 501-T9 2500 3-54 K-1 PRINTED IN U.S.A.

...a new and different hydrotherapy action...

Vibra-Bath

CATALOG No. 250



THE VIBRA-BATH power unit consists of a 575 watt A-C motor, made to our specifications for heavy duty service, delivering cold or warm air at a rate of up to 50 cu. ft. per minute. A control knob permits adjustment of the degree of water agitation and aeration to low, medium or high, ranging from gentle effervescence to furiously bubbling action. Intermediate control may be obtained by varying the water depth.

The air is forced through holes in a non-corrosive aluminum Vibra-Plate, an air distributor scientifically designed, so that the rate of rising air bubbles is the same all over its area.

The thermostat controlled heating element holds the air at a constant temperature of 170°F.

A second thermostat serves as a safety measure while layers of heavy insulating material act as soundproofing, reducing the motor noise to a low hum and providing electrical isolation of the outer case from the power unit. These special refinements and safety measures are embodied in the "UL" label showing that the Vibra-Bath complies in full with the exacting safety requirements of Underwriters Laboratories for this type of equipment.

THE VIBRA-BATH provides an entirely different hydromassage to introduce techniques not possible with conventional whirlpool equipment. Circulation is quickly promoted by the hydropercussion of thousands of warm-air bubbles impinging upon every square inch of the area being treated.

Since the Vibra-Plate is only 12" x 17" it may be placed on the bottom of any bathtub. Doctors can prescribe hydrotherapy treatments in convenience of patient's home.

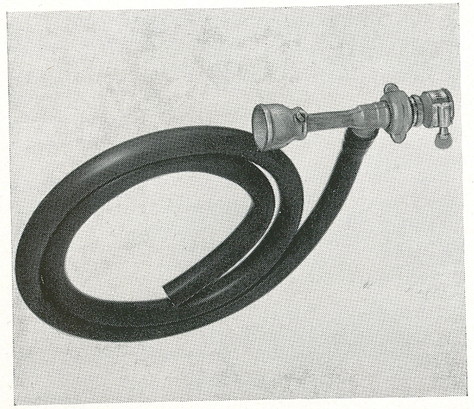
In addition to the excellence of its hydromassage, the Vibra-Bath has the important advantages of low cost, light weight, easy portability and simplicity of operation.

Shipping: Weight and size: 30 pounds, 16" x 19" x 22¼".

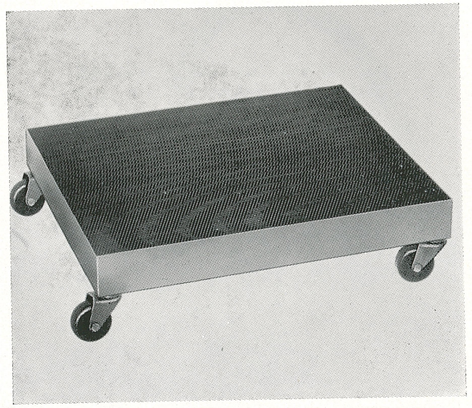
REFER TO CURRENT PRICE LIST

THE BIRTCHER CORPORATION

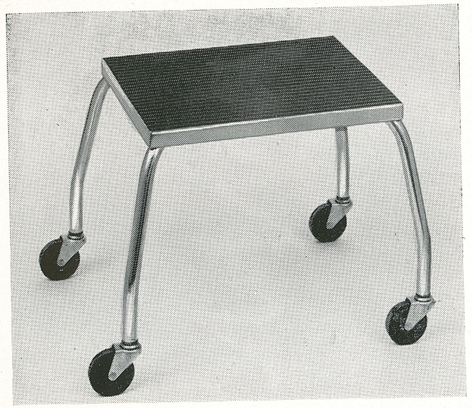
VIBRA-BATH ACCESSORIES



Catalog No. 291 Drain or Fill Kit. An aspirator type pump. Attaches to faucet and will drain or empty tank in two or three minutes. For rapidly filling and draining No. 290 Plexiglass Tank. Shipping weight and size 3 lbs., 4″ x 8″ x 8″.



Catalog No. 292 Mobile Dolly. A sturdy steel platform 4″ high finished in cream-white baked enamel, 15″ x 18″. Will accommodate No. 290 Plexiglass Tank. Shipping weight and size 15 lbs., 2¾″ x 16″ x 18½″.



Catalog No. 293 Chrome Table. A sturdy mobile table 17½″ high, platform size 15″ x 18″. Will accommodate No. 290 Plexiglass Tank. Shipping weight and size 21½ lbs., 14¾″ x 19½″ x 23¼″.

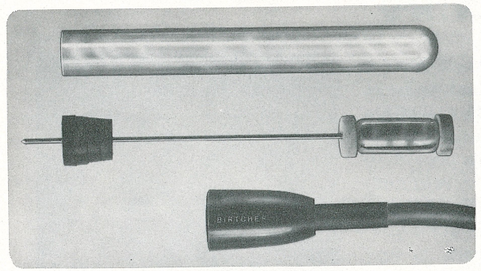
Catalog No. 290 Plexiglass Tank. 15¼″ high x 20¾″ x 24¼″. Its light weight of 10 pounds makes it easily handled. For use with the Vibrabath in treating extremities. Shipping weight and size 18 lbs., 16″ x 21½″ x 24½″.

REFER TO CURRENT PRICE LIST

THE BIRTCHER CORPORATION

321-B19 5M 11-53 PRINTED IN U.S.A.

SHORT-WAVE DIATHERMY ELECTRODES



Vaginal and Prostatic Air-Spaced Electrodes

These Electrodes may be sterilized by boiling or autoclaving. The greatest heat is generated at tip of Electrode and there is very little heat where the Pyrex Shield contacts sensitive tissue of vulva or sphincter.

Catalog No. 644, Code Word "Elpro"
Prostatic Electrode

Catalog No. 645, Code Word "Elvag"
Vaginal Electrode

Catalog No. 644-PT, Code Word "Pypro"
Pyrex Tube for Prostatic Electrode

Catalog No. 645-PT, Code Word "Pyvag"
Pyrex Tube for Vaginal Electrode

The Pyrex Shield eliminates cracks through which arcing might take place, obviating all possibilities of burns.

The Electrodes will operate efficiently from any make of short wave. The Electrode comes apart very easily, for cleaning, sterilization, or repairs.

ACTUAL SIZE

Be sure to specify the Make and Model of short-wave Diathermy with which Vaginal and Prostatic electrodes are to be used so proper tips may be furnished.

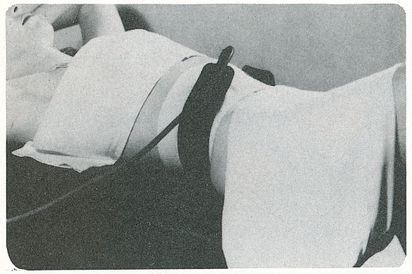
No. 6454 Set—Comprising

1 No. 644 Prostatic Electrode
1 No. 645 Vaginal Electrode
1 No. 644PT Pyrex Prostatic Shield
1 No. 645PT Pyrex Vaginal Shield

U. S. Patent No. 2,110,392 Owned by Birtcher Corp.

BIRTCHER *CUFLEX* ELECTRODES

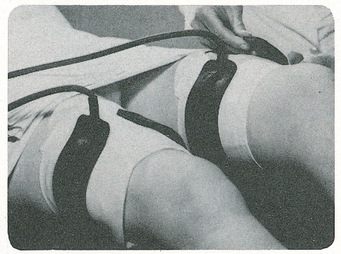
SELF-RETAINING



Cuflex Electrodes offer a distinct advance in treatment technic. They are made with a flexible spring element within a pliable rubber covering, thus providing a built-in feature of retaining themselves firmly but gently in position. Four varied sizes permit proper adjustment to any anatomical part from a small wrist to a moderate-sized waist.

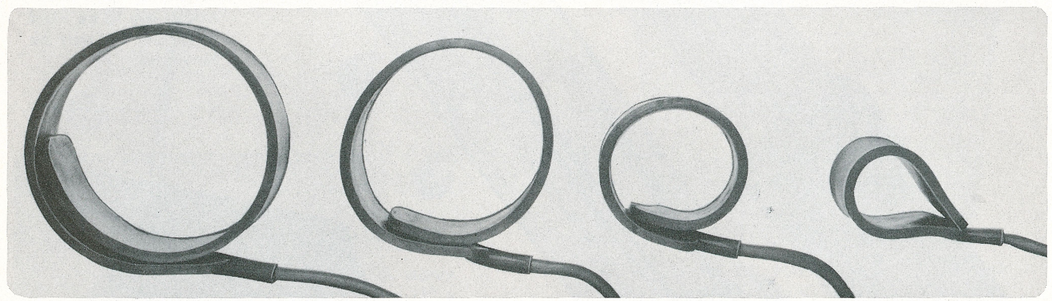
SNAP IT ON — IT STAYS THERE

Pictured above and on the right, the No. 633 Cuflex is adequate for large thighs and moderate waists. About the waist it serves as an ideal indifferent electrode when giving intra-vaginal treatments. One Cuflex around the thigh and another around the waist provides an ideal technic for hip treatments, an area usually so difficult to treat adequately.



Treatment of elbows, shoulders, wrists, knees and ankles—usually bothersome — is made simple by using Cuflex Electrodes. They not only retain themselves in position, but also hold the towelling used as sanitary and spacing material. Purchase of whole sets is recommended to secure full advantages of Cuflex technic.

For use with any conventional make of short-wave



Catalog No. 633	Catalog No. 632	Catalog No. 631	Catalog No. 630
Large Cuflex—6″	Intermediate Cuflex—4″	Medium Cuflex—3″	Small Cuflex—2″
2½″ x 24″ adequate for waist and thighs	2½″ x 18″ for shoulders, upper arms, small thighs	2½″ x 12″ useful on arms, legs, shoulders	2½″ x 8″ for wrists, ankles, small parts

No. 634 Special Combination Set

For All Applications

1 No. 630 2″ Cuflex
1 No. 631 3″ Cuflex
2 No. 632 4″ Cuflex
1 No. 633 6″ Cuflex

Be sure to specify the Make and Model of short-wave Diathermy with which Cuflex are to be used so proper tips may be furnished

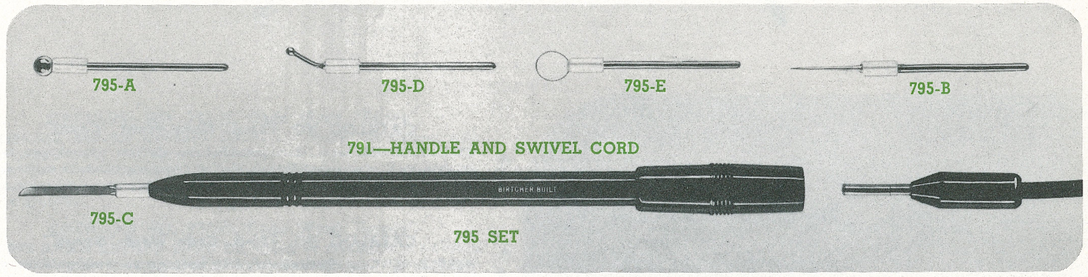
REFER TO CURRENT PRICE LIST

THE BIRTCHER CORPORATION

FORM 501-T10 2500 3-54 K-I PRINTED IN U.S.A.

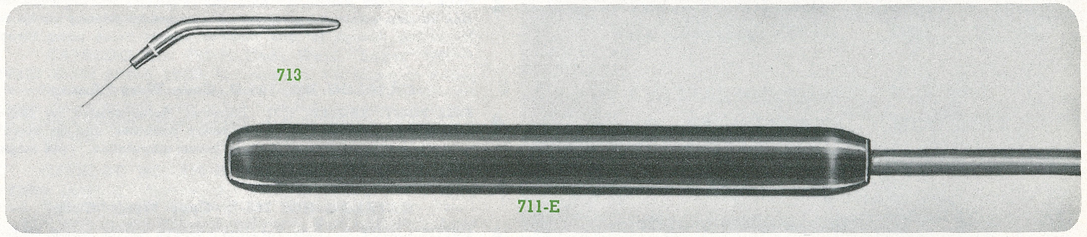
ELECTROSURGICAL ACCESSORIES

For use with any make of Electrosurgical unit or Short-Wave Diatherm



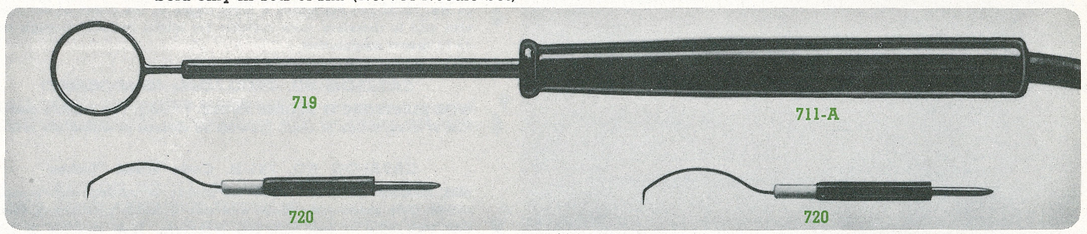
Catalog No. 795, Code Word "SUSET," ELECTROSURGICAL SET of five electrodes and boilable bakelite handle with swivel cord connection. (Illustrated above)

Catalog No. 791, Code Word "SUHAN," HANDLE only (Boilable Bakelite) with cord

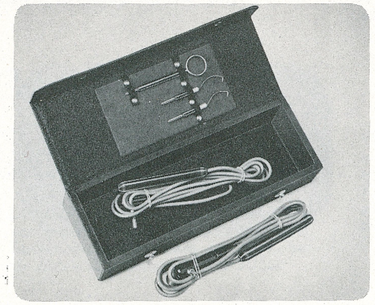


Catalog No. 711-E, Code Word "EPHAN" EPILATION HANDLE designed for use with No. 713 Epilation Needle

Calalog No. 713, Code Word "EPLAT," EPILATION NEEDLE, extra fine for gross or ordinary hairs. **Sold only in sets of six.** (No. 714 Needle Set)



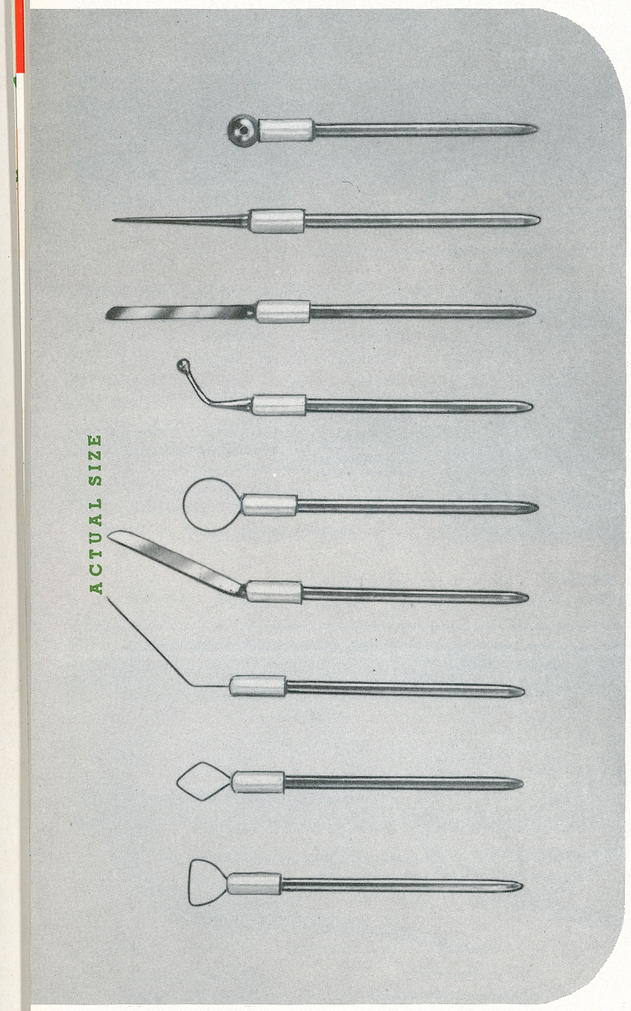
Catalog No. 721, Code Word "RETIN," RETINAL DETACHMENT SET. Complete with handle, indifferent ring electrode and 2 Gradle type needles in a compact fitted Keratol carrying case.



Catalog No. 722, HURWITZ GLAUCOMA SET. This set was especially designed for electrosurgical treatment of certain types of Glaucoma. It is made to the specifications of Paul Hurwitz, M.D., Chicago, Illinois. Set is hand made and consists of 2 Special Handles, 1 Indifferent Ring Electrode, 2 Special Curved Needles with fine 1 mm point and convenient carrying case.

REFER TO CURRENT PRICE LIST

Surgical Electrodes



CATALOG NO. 795-A. Code Word "Cobal"

BALL. 7/32" diameter. Recommended for shallow coagulation with short-wave diathermy machines, and for bleeding points in major surgery, such as in breast amputation, brain surgery, thyroidectomy, etc.

CATALOG NO. 795-B. Code Word "Suned"

NEEDLE. 3/4" long. Recommended for delicate point coagulation and desiccation,—for use in nasal and rectal orifices,—for base puncture of large surface growths with desiccation or coagulation.

CATALOG NO. 795-C. Code Word "Saber"

SKIN INCISION BLADE. 1" long. Recommended for fast initial incision on skin with cutting current only, to assure primary union. Also for cutting through fat and vascular muscle tissue using blended current.

CATALOG NO. 795-D. Code Word "Ancog"

BALL POINT, ANGLED. 3/32" diameter. Recommended for shallow coagulation with short wave diathermy machines, and for bleeding points in major surgery, such as in breast amputation, brain surgery, thyroidectomy, etc.

CATALOG NO. 795-E. Code Word "Cutlo"

CUTTING LOOP. 3/8" loop. For sizable biopsy (cervix, breast, rectum). Useful for scooping out tissue in brain surgery or in tumorous masses.

CATALOG NO. 795-F. Code Word "Saban"

30 DEGREE ANGLE BLADE. 1" long. Recommended for same purposes as No. 795-C but maintains a right angle to the plane of surface of skin and is therefore more suitable for initial incision through skin, as in breast amputation.

CATALOG NO. 795-G. Code Word "Cowir"

WIRE ELECTRODE 30 DEGREE ANGLE. 1" long. For delicate desiccation or coagulation of small growths on surface or within the orifices.

CATALOG NO. 795-H. Code Word "Lubox"

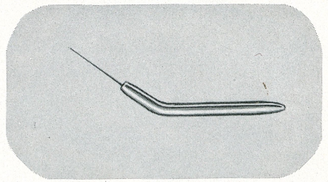
BOX SHAPED CUTTING LOOP for biopsy or cutting with scooping action. Cuts tissue same shape and size. Suitable for delicate dissection with more or less knife-fork technique. Most suitable in brain surgery, rectal surgery, and the removal of malignant surface growths.

CATALOG NO. 795-J. Code Word "Lucup"

STIRRUP. (Cup shaped cutting loop.) For biopsy or cutting with scooping action. Cuts out tissue same shape and size. Suitable for delicate dissection with more or less knife-fork technique. Most suitable in brain surgery, rectal surgery, and the removal of malignant surface growths.

Catalog No. 713, Code Word "EPLAT"
EPILATION NEEDLE. An extra fine needle for epilation of gross or ordinary hairs with the Hyfrecator. **NOT SOLD SEPARATELY.** Refer to No. 714 below.

Catalog No. 714, Code Word "EPSET"
EPILATION NEEDLE SET. 6 No. 713 Needles, in smart container.



Birtcher

REFER TO CURRENT PRICE LIST

Surgical Electrodes

CATALOG NO. 795-K. Code Word "Lupta"

TRIANGLE SHAPED CUTTING LOOP. For biopsy or cutting with scooping action. Cuts tissue same shape and size. Suitable for delicate dissection with more or less knife-fork technique. Most suitable in brain surgery, rectal surgery, and the removal of malignant surface growths.

CATALOG NO. 795-L. Code Word "Lupsy"

RIGHT ANGLE CUTTING LOOP. For biopsy or cutting with scooping action. Cuts tissue same shape and size. Suitable for delicate dissection with more or less knife-fork technique. Most suitable in brain surgery, rectal surgery, and the removal of malignant surface growths.

CATALOG NO. 795-M. Code Word "Simit"

SKIN INCISION CURVED CUTTING BLADE. For fast cutting on skin with cutting current only, to assure primary union. Also for cutting through fat and vascular muscle tissue using blended current.

CATALOG NO. 795-P. Code Word "Lupof"

OFFSET RIGHT ANGLE LOOP. 1/4" diameter. For biopsy or cutting with scooping action. Cuts tissue same shape and size. Suitable for delicate dissection with more or less knife-fork technique. Most suitable in brain surgery, rectal surgery, and the removal of malignant surface growths

CATALOG NO. 795-R. Code Word "Lupme"

CUTTING LOOP. 1/4" diameter. For biopsy or cutting with scooping action. Cuts tissue same shape and size. Suitable for delicate dissection with more or less knife-fork technique. Most suitable in brain surgery, rectal surgery, and the removal of malignant surface growths.

CATALOG NO. 795-S. Code Word "Lupet"

CUTTING LOOP. 3/4" diameter. For biopsy or cutting with scooping action. Cuts tissue same shape and size. Suitable for delicate dissection with more or less knife-fork technique. Most suitable in brain surgery, rectal surgery, and the removal of malignant surface growths.

CATALOG NO. 715-S. Code Word "Cosma"

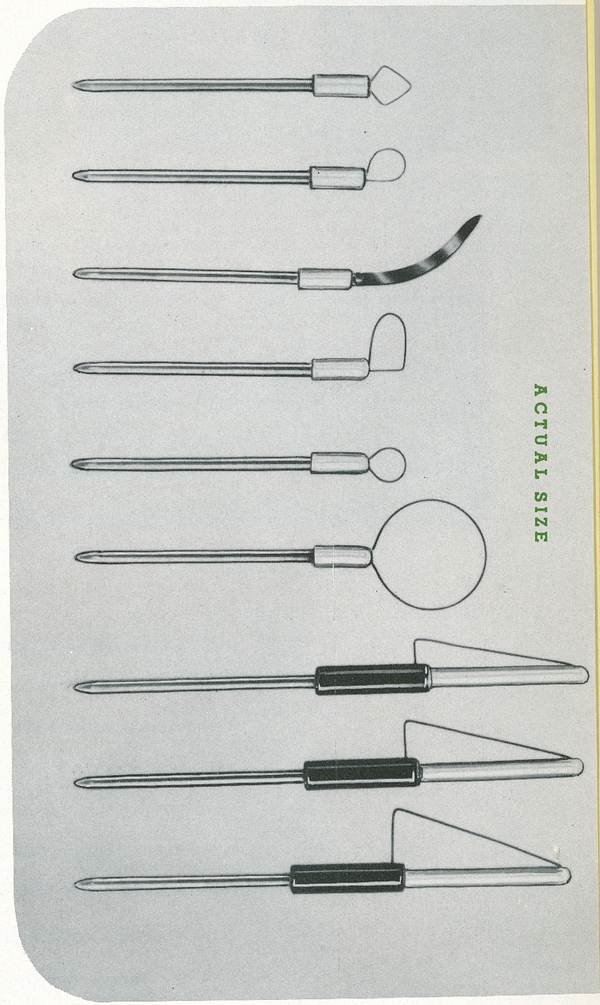
SMALL CERVIX CONIZATION ELECTRODE. For use in electrosurgical conization of the cervix, in accordance with the Hyams technique.

CATALOG NO. 715-M. Code Word "Comed"

MEDIUM CERVIX CONIZATION ELECTRODE. For use in electrosurgical conization of the cervix, in accordance with the Hyams technique.

CATALOG NO. 715-L. Code Word "Colar"

LARGE CERVIX CONIZATION ELECTRODE. For use in electrosurgical conization of the cervix, in accordance with the Hyams technique.



Construction

- *The metal shaft is made of monel, extending the full length of the electrode, from tip to tip. It has a diameter of 3/32" (2.4 mm).*
- *Each electrode is insulated by a collar of a patented product known as Alsimag, which is far harder and stronger than porcelain, has higher dielectric quality, and is boilable.*
- *The wire cutting section of the loops is made of .012" pure Tungsten wire, which is spot welded, not soldered, to the Monel shaft. This distinctive feature insures longer life and eliminates a weak spot in electrodes of this type.*

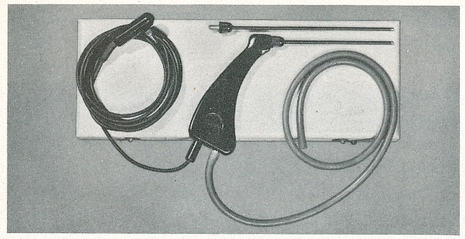
FOR PRICES REFER TO CURRENT PRICE LIST

Birtcher

REFER TO CURRENT PRICE LIST

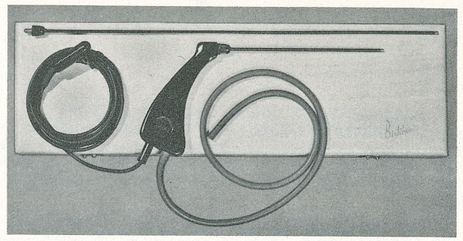
ELECTROSURGICAL ACCESSORIES

For use with any make of Electrosurgical unit or Short-Wave Diatherm



Catalog No. 740 $34.50 Birtcher NOSE AND THROAT DESICCATION SET (with suction). Includes: Blonde hardwood case, moulded handle, line cord and Tips 740A and 740B. Suction unit or rubber tubing not included.

740A Tip — 4½" long 740B Tip — 6½" long

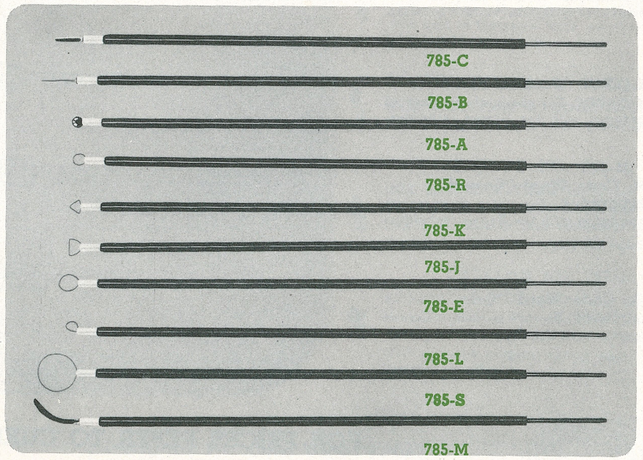


Catalog No. 741 $37.50 Birtcher PROCTO-SIGMOID DESICCATION SET (with suction). Includes: Blonde hardwood case, moulded handle, line cord and Tips 740D and 740C. Suction unit or rubber tubing not included.

740D Tip — 8½" long 740C Tip — 16" long

Catalog No. 785X, PROCTOLOGICAL SET of three special electrodes 14" long for use through Sigmoidoscope.

Single electrodes available



Catalog No. 785, PROCTOLOGICAL ELECTRODES 10" long for use through Proctoscope.

REFER TO CURRENT PRICE LIST

NOTE: Birtcher surgical accessories are designed to operate efficiently on any make of Electrosurgical or Short-Wave apparatus. However, as the various manufacturers have not standardized on treatment terminals, it is necessary that the type of cord tip desired be specified in each case. Our price list gives a cord tip listing.

FORM 501-T11 2500 3-54 K-I PRINTED IN U.S.A.

BIRTCHER-BUILT

PRICE LIST

THESE PRICES SUBJECT TO CHANGE WITHOUT NOTICE

PRICE LIST DATED JANUARY 1, 1954

TERMS: 2% 10 Days E.O.M., Net 30 Days. All Prices quoted F.O.B. Factory

SHORT-WAVE DIATHERMY UNITS

	Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
BANDMASTER DIATHERM	800 BANTI	**CRYSTAL BANDMASTER S.W. Diatherm.** Housed in a one-piece cabinet of cream-white enamelled furniture steel, with counter balanced Treatment Arm and No. 804 Triple Induction Drum.		821.00
	800 BAMAR	**CRYSTAL BANDMASTER S.W. Diatherm.** with counter balanced Treatment Arm and No. 604-C 9" Disc Induction Treatment Drum.		780.00
	803 CONEL	**ELECTROSTATIC CONVERTER SET** for use with Bandmaster to employ conventional Pad Applicators.	"C"	16.00
	804 TIDUM	**TRIPLE INDUCTION DRUM** for use with all Crystal Bandmaster S-W Diatherms. Mounts on No. 602-C Treatment Arm, which is standard equipment with the Bandmaster.	"C"	62.00
	604-C DRUAM	**TREATMENT DRUM HEAD.** Exclusively for the Crystal Bandmaster.	"C"	25.00
CHALLENGER DIATHERM	850 KALER	**CHALLENGER S.W. Diatherm.** Housed in a gray hammertone baked enamel cabinet.		525.00
	850 KACOM	**CHALLENGER S.W. DIATHERM.** Complete with Sub-Cabinet, Treatment Arm and No. 854 Adjusable Treatment Drum.		684.50
	851 SUCAB	**SUB-CABINET** for No. 850 Challenger. Provides storage space for Accessories. Easily movable on large swivel rubber casters. Constructed of aluminum alloy with gray hammertone baked enamel finish.	"C"	70.00
	853 COTER	**COUNTERBALANCED TREATMENT ARM** complete with corner casting. For use on No. 851 Sub-Cabinet for No. 850 Challenger Short-Wave Diatherm.	"C"	35.00
	854 ADIND	**ADJUSTABLE DRUM.** For use with No. 850 Challenger S. W. Diatherm. Mounts on No. 853 Treatment Arm.	"C"	59.50
	855 INDUD	**INDUCTION DRUM.** 9" Round conventional design. For use with No. 850 Challenger S-W Diatherm. Mounts on 853 Treatment Arm.	"C"	25.00

HYDROTHERAPY EQUIPMENT

Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
250 VIBAT	**VIBRA-BATH.** Includes Power unit; in cream-white baked enamel housing; Vibra-Plate and Air Flow Tube.	"B"	260.00
271 BOPLA	**BODY PLATE,** 14"x33" for large area treatment of general body. Can be employed in bath tub, Hubbard or exercise tank. Moulded flexible plastic.	"C"	37.50
290 PLEXI	**PLEXIGLASS TANK.** Moulded construction, One piece—18 Gal. capacity.	"C"	87.50
291 DRAFI	**DRAIN or FILL KIT.** To drain and fill Treatment Tanks: attaches to all standard faucets.	"C"	12.50
292 MODOL	**MOBILE DOLLY.** A steel platform, 4" high. Finished in cream-white covered with corrugated rubber and mounted on 2" ball bearing casters.	"C"	19.50
293 KROTA	**CHROME TABLE.** Sturdy, chrome finish, mounted on 3" ball bearing casters assuring easy mobility.	"C"	25.00

ELECTROSURGICAL UNITS

Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
2000 BIRSU	**"PERSONALLY CERTIFIED" ELECTROSURGICAL UNIT.** Combination tube and spark gap machine for all exacting delicate and major electrosurgical technics. Includes Adjustable Arm, Tubes, Indifferent Pad, Tri-pedal Footswitch, 20' three wire grounding Line Cord, Sterilizable Control Handles, two Cystoscope Cords, three Electrosurgical Handles, Fulguration Handle and Cord, two Cord Terminal Adapters and 37 assorted Electrosurgical Electrodes.		1,500.00
799-H ELECT	**ELECTROSURGICAL UNIT,** Hospital model. Combination tube and spark-gap machine for all major and minor electrosurgical technics. Housed in gray hammertone enamel finish metal cabinet. Complete with Tubes, Tri-Pedal Footswitch, 12 Ft. Line Cord, Indifferent Electrode, Cystoscope Attachment Cord, three removable sterilizable Control Handles, two sterilizable Surgical Handles and an assortment of eighteen different Surgical Electrodes. Two year guarantee.	"B"	875.00
799-P ELSUP	**ELECTROSURGICAL UNIT,** Portable model. Same as 799-H but in black Keratol Case with accessory compartment in removable lid. Case equipped with locking cover. Complete with accessories as 799-H above.	"B"	775.00
750 BELED	**BLENDTOME PORTABLE ELECTROSURGICAL UNIT** complete in black alligator finish carrying case, with lid compartment for accessories.	"B"	295.00
709 HYCOG	**HYFRECATOR.** Includes same accessories as set No. 712 and in addition No. 789 Bi-Active Electrode Set. (For discount see No. 712 below.)		64.50
712 HYSET	**HYFRECATOR** for desiccation, fulguration and electrocoagulation. Includes No. 711 Needle Set, No. 716 Desiccation Needle and No. 790 Footswitch. Provides current also for bi-active coagulation. See No. 709 above.		54.50

DISCOUNT QUANTITIES
1 to 3 Class C
4 to 23 Class B
24 to 99 Class B Plus 3% of List
Above discounts apply to Nos. 709 and 712 sets.

ULTRASONIC

Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
U-101 SONAR	**ULTRASONIC UNIT.** A proven, dependable, unit where accurate time and dosage can be measured. Console model in a one piece cabinet of cream-white baked enamel furniture steel. Complete with Transducer and line cord.	"B"	795.00

ULTRA-VIOLET

Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
620-B ULVOR	**ULTRA-VIOLET ORIFICIAL GENERATOR** for use on any make Short-Wave Diathermy. Complete with Cord, Safety Goggles, three feet of Rayon Sleeving and Operating instructions.	"B"	23.50
622-B ULVIT	**QUARTZ BURNER REPLACEMENT UNIT** for No. 620-B U.V. Generator. Broken burner and handle must be sent in for exchange replacement.	"B"	9.50
625 SPOUL	**SPOT-QUARTZ ULTRA-VIOLET LAMP** complete with 8-foot cord, wall bracket, localizing mask and directions for treatment.	"B"	79.50
626 GRIOD	**QUARTZ GRID AND REFLECTOR ASSEMBLY.** Replacement assembly for No. 625 Spot-Quartz Lamp.	"C"	25.00
627 FILER	**SPOT-QUARTZ U. V. WOOD'S FILTER.** Corning Red Purple Corex A—No. 9863 special filter mounted in suitable holder for use with No. 625 Spot-Quartz Lamp.	"C"	15.00

SHORT-WAVE ACCESSORIES

Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
	(Note: When ordering any Accessory always specify Cord Tip desired —see listing on last page)		
630 CUFLEX	CUFLEX 2″ Self-Retaining Electrode; 2½″x8″ molded rubber, condenser pad Electrode with internal spring steel insert. For use with any Short Wave Diathermy. Patented by Birtcher.	"C"	8.95
631 CUFUD	**CUFLEX** 3″ Self-Retaining Electrode; 2½″x12″ molded rubber, condenser pad Electrode with internal spring steel insert. For use with any Short Wave Diathermy. Patented by Birtcher.	"C"	9.95
632 CUFOR	**CUFLEX** 4″ Self-Retaining Electrode; 2½″x18″ molded rubber, condenser pad Electrode with internal spring steel insert. For use with any Short Wave Diathermy. Patented by Birtcher.	"C"	10.95
633 CUSIX	**CUFLEX** 6″ Self-Retaining Electrode; 2½″x24″ molded rubber, condenser pad Electrode with internal spring steel insert. For use with any Short Wave Diathermy. Patented by Birtcher.	"C"	12.95
634 CUCOM	**CUFLEX SET OF FIVE ELECTRODES.** One 2″, one 3″, two 4″, one 6″. Complete set for all applications. Combined value $53.75. Combination price, no substitutions.	"C"	49.50
644 ERPOR	**AIR-SPACED PROSTATIC** Short Wave Electrode. In handsome leatherette case for safe keeping. For any make Short Wave Diatherm. Rectal Application.	"B"	14.90
644-PT PYROD	**PYREX SHIELD** for No. 644 Prostatic Electrode. Special Heavy Ignition Pyrex.	"B"	1.00
645 ELVAG	**AIR-SPACED VAGINAL** Short Wave Electrode. In handsome leatherette case for safe keeping. For any make Short Wave Diatherm.	"B"	14.90
645-PT PYVAG	**PYREX SHIELD** for No. 645 Vaginal Electrode. Special Heavy Ignition Pyrex.	"B"	1.00
6454 PROAV	**PROSTATIC AND VAGINAL COMBINATION SET.** In handsome dual leatherette case containing one No. 644, one No. 644-PT, one No. 645 and one No. 645-PT.	"B"	25.50
646 ELPAD	8″x10″ **CONDENSER ELECTRODE.** A molded rubber, Pad Electrode for use with any make of Short-Wave Diatherm.	"C"	7.50
647 ELSAM	6″x8″ **CONDENSER ELECTRODE.** A molded rubber, Pad Electrode for use with any make of Short-Wave Diatherm.	"C"	7.50
648 ELCAK	**INDUCTION CABLE** for No. 850 Challenger ONLY. Length 12 feet. Rubber Covered.	"B"	16.00
648-C ELCAC	**INDUCTION CABLE** for No. 800 Crystal Bandmaster ONLY. Length 14 feet. Rubber covered.	"B"	16.00
649-A ELCOR	**LINE CORD** — extra heavy duty — for any machine. 6 foot.	"C"	3.50
649-C ECBOR	**LINE CORD** for No. 800 Crystal Bandmaster S.W. with serial No. B 20 E 2310 and all prior serial numbers. Three wire, 8 Ft. long.	"C"	4.50
649-CT EXTOR	**LINE CORD** for No. 800 Crystal Bandmaster S.W. with serial No. B 20 E 2311 and later serial numbers. Also for No. 850 Challenger Twist Lock plug, three wire, 8 Ft. Long.	"C"	4.50

SHORT-WAVE ACCESSORIES

Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
649-S EXORD	**LINE CORD** for 799, 799-O and 750 Blendtome with serial number BT 10 C 897 and all prior serial numbers. 12 Feet long.	"C"	4.50
649-ST EXKART	**LINE CORD** for 799-H, 799-P and 750 Blendtome with serial No. BT 10 898 and later serial numbers. Twist Lock plug, 12 Feet long.	"C"	4.50
656 CAPUT	**CAPUT APPLICATOR.** For treatment of sinus, antrums, eyes, tonsils, mastoids and other hard-to-treat locations about the head and neck. Three independent electrodes mounted upon flexible arms, used independently or in combination, permit fitting applicator to any type of contour.	"B"	17.50
656-SC CAPOC	**SANITARY SPACING COVERS.** Box of 4 Doz. sets.	"D"	4.80
659 ELTEN	4″x5½″ **CONDENSER ELECTRODE.** A molded rubber, Pad Electrode for use with any make of Short-Wave Diatherm.	"C"	6.50
660 ELDAP	**CORD TIP ADAPTER.** Plugs into surgical terminals of Short-Wave units and readily accommodates cord tips of various surgical and coagulation sets.	"C"	1.25
661 TIPIS	**CORD TIPS.** See listing on back page for numbers identifying these tips in connection with specific makes of Short-Wave Diathermy machines.	"C"	.50

ELECTROSURGICAL ACCESSORIES

Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
707 CONER	**DC-AC CONVERTER** for use with the Hyfrecator or the Spot-Quartz Lamp where 110 volts DC only is available. Complete with shorted cap, ready to be connected between the DC Line and the appliance.	"D"	25.00
711 HYNED	**HYFRECATOR NEEDLE SET.** Designed for use with the Hyfrecator, this curved steel needle mounted on a handle of ebony bakelite may be used with all types of mono-terminal high-frequency apparatus.	"B"	4.00
711-A HYMAN	**HYFRECATOR DESICCATION-FULGURATION HANDLE.**	"B"	3.50
711-B HYDEL	**DESICCATION-FULGURATION NEEDLE** for No. 711-A Hyfrecator Handle.	"B"	1.00
711-E EPHAN	**EPILATION HANDLE and CORD.** Designed for use in all epilation technics where a small, light weight handle is required.	"B"	5.00
713 EPLAT	**EPILATION NEEDLE.** An extra fine needle for Epilation of gross or ordinary hairs with the Hyfrecator. **NOT SOLD SEPARATELY.** Refer to No. 714 below.		
714 EPSET	**EPILATION NEEDLE SET.** 6 No. 713 Needles, in smart container.	"B"	6.50
715 COSAM small COMED med. COLAR large	**CERVICAL CONIZATION ELECTRODE.** Porcelain insulated, triangular electrode for conization of the cervix. In three sizes—small, medium, and large. (Please specify size when ordering.) See No. 717 Electrode Set.	"B"	3.50
716 TIDEN	**TISSUE DESICCATION NEEDLE.** Designed for use with the Hyfrecator, this straight, fine needle may be used with any mono-terminal high-frequency apparatus.	"B"	1.50

THESE PRICES SUBJECT TO CHANGE WITHOUT NOTICE

ELECTROSURGICAL ACCESSORIES

Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
717 COSET	**CERVICAL CONIZATION ELECTRODES SET.** 3 No. 715 (one small, one medium, and one large), in smart container.	"B"	9.00
721 RETIN	**RETINAL DETACHMENT SET** consisting of indifferent Ring Electrode, 2 special gradle type needles and 1 No. 711-A Handle and Cord. For use with the Hyfrecator (or other suitable sources of energy) in a compact Keratol covered case.	"B"	25.00
722 GLACO	**GLAUCOMA SET** designed to the specifications of Paul Herwitz, M.D., of Chicago, for the treatment of certain types of Glaucoma. Consists of 2 special handles and curved needles and 1 indifferent ring electrode. Complete in fitted Keratol carrying case.	"B"	45.00
725 ACMIC	**A.C.M.I. ELECTROTOME CORD** for electrosurgical units. Specify make and model of unit so proper cord terminals can be supplied.	"C"	2.00
740 VANOS	**E.N.T. DESICCATION SET—WITH SUCTION.** Designed for simultaneous evacuation of body fluids and desiccation of tissue in nose and throat. Consists of Pistol type handle with both vacuum and active connections; one active cord and two suction electrodes (4½″, 6½″) in fitted wooden carrying case.	"B"	34.50
741 VAPRO	**PROCTO-SIGMOID SET — WITH SUCTION.** Same as 740 but suction electrodes 6½″ and 16″ long. Provides for removal of smoke or gasses from sigmoid or rectum during fulguration procedures.	"B"	37.50
751 SUPAB	**INDIFFERENT PAD ELECTRODE** for No. 750 Blendtome Portable Electrosurgical Unit. Made of Stainless Steel permanently bonded to sponge rubber pad backing.	"B"	12.50
778 BASET	**ELECTROSURGICAL SET** for use with No. 800 Crystal Bandmaster S. W. Diatherm includes No. 795 Electrosurgical Set with 5 assorted electrodes, one No. 790-T foot switch and one No. 646 Pad. **SPECIFY SERIAL NUMBER OF MACHINE.**	"B"	27.00
785 POZET	**PROCTOLOGICAL ELECTRODE.** 10″ long for use through Proctoscope.	"B"	3.50
785-X PELAT	**PROCTOLOGICAL SET** of three special 14″ electrodes; Needle, Ball Point Angled and Right Angle Cutting Loop; for use through Sigmoidoscope. The Needle and Ball Point may be used in conjunction with the Hyfrecator.	"B"	17.50
785-XB PETAB	**PROCTOLOGICAL ELECTRODE,** 14″ Needle, for use through Sigmoidoscope in conjunction with any cutting unit or Hyfrecator. See No. 795-B.	"B"	6.50
785-XD PELOD	**PROCTOLOGICAL ELECTRODE,** 14″ Ball Point Angled. For use through Sigmoidoscope in conjunction with any cutting unit or Hyfrecator. See No. 795-D.	"B"	6.50
785-XL PEGAL	**PROCTOLOGICAL ELECTRODE,** 14″ Right Angle Cutting Loop. For use through Sigmoidoscope in conjunction with any cutting unit ONLY. See No. 795-L.	"B"	6.50
789 COGUL	**BIRTCHER BI-ACTIVE COAGULATION SET.** Provides tips for coagulation of cervical canal, cervical cysts and erosions, tonsils, tonsil tags, rectal tags and all types of surface growths.	"B"	12.50
790 ELFOT	**FOOTSWITCH.** Molded bakelite. Toe control from any edge. For any make of Short-Wave unit or other electrical devices. A necessity in all methods of electrosurgery.	"B"	7.50
790-T ELVIT	**FOOTSWITCH.** Molded bakelite. For use on 750, 800 and 850. Specify Serial No. of machine when ordering.	"B"	7.95

ELECTROSURGICAL ACCESSORIES

Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
791 SUHAN	**ELECTROSURGICAL HANDLE OF EBONY BAKELITE,** with exclusive features of swivel cord connections. May be boiled or autoclaved. Fool-proof, accurate chuck providing quick grip. Specify make and model of unit so proper cord terminals can be supplied.	"B"	7.50
793 SEINT	**WILIMAC E. E. N. T. COAGULATION SET.** Complete with 3 tips for Tonsil, Turbinate and surface bi-active coagulation. Technique Book included.	"B"	20.00
794 SUNIV	**UNIVERSAL DESICCATION-FULGURATION NEEDLE SET.** Complete with Handle, Cord, one No. 794-A, one No. 794-B, one 794-C, and one No. 794-D.	"B"	9.00
794-A DUNIV	**DESICCATION NEEDLE WITH SLIDING SHEATH.** For sub-mucous dehydration of Turbinates. Fits 794 handle ONLY.	"B"	1.75
794-B DUNEB	**SHORT DESICCATION NEEDLE. Straight. Very Fine.** For insertion into tissue. Fits 794 handle ONLY.	"B"	1.25
794-C DUNYC	**CURVED DESICCATION - FULGURATION NEEDLE. Short Shaft.** For desiccation on surface growths where contact between needle and growths is undesirable.	"B"	1.25
794-D UNEED	**CURVED DESICCATION - FULGURATION NEEDLE. Long Shaft.** The long, insulated shaft permits desiccation within the body orifices.	"B"	1.25
795 SUSET	**ELECTROSURGICAL SET.** For cutting and coagulation techniques with any make of Short-Wave, or Surgical Unit. Complete with No. 791 Handle, swivel cord connection, one each No. 795-A, No. 795-B, No. 795-C, No. 795-D, and No. 795-E.	"B"	12.50
795-X SUSAB	**ELECTROSURGICAL SET.** Same as above but designed for use with the No. 750 Blendtome Portable Electrosurgical Unit ONLY.	"B"	12.50
795-A COBAL	**COAGULATION BALL 7/32″ DIAMETER.** Mounted on 3/32″ Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.25
795-B SUNED	**COAGULATION NEEDLE ELECTRODE, ¾″ LONG.** Mounted on 3/32″ Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.25
795-C SABER	**SKIN INCISION STRAIGHT 1″ BLADE.** A thin blade, designed to insure primary union, mounted on 3/32″ Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.75
795-D ANCOG	**COAGULATION BALL POINT ANGLED ELECTRODE.** 3/32″ Ball. Mounted on 3/32″ Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.25
795-E CUTIG	**CUTTING LOOP ⅜″ DIAMETER.** Mounted on 3/32″ Monel shank, porcelain insulated. For No. 791 Surgical Handle. See No. 795-R and 795-S.	"B"	1.75
795-F SABAN	**SKIN INCISION 30° ANGLE 1″ BLADE.** Mounted on 3/32″ Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.75
795-G COWIR	**COAGULATION WIRE 30° ANGLE 1″ LONG.** Mounted on 3/32″ Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.75

ELECTROSURGICAL ACCESSORIES

Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
795-H LUBOX	**DIAMOND (BOX) SHAPE CUTTING LOOP.** Mounted on 3/32" Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.75
795-J LUCUP	**STIRRUP (CUP) SHAPE CUTTING LOOP.** Mounted on 3/32" Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.75
795-K LUPAT	**TRIANGLE SHAPE CUTTING LOOP.** Mounted on 3/32" Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.75
795-L LUPYS	**BIOPSY RIGHT - ANGLE CUTTING LOOP.** Mounted on 3/32" Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.75
795-M SIMIT	**SKIN INCISION CURVED CUTTING BLADE.** Mounted on 3/32" Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.75
795-P LUPOF	**OFF - SET RIGHT - ANGLE LOOP ¼" DIAMETER ⅜" LENGTH.** Mounted on 3/32" Monel shank, porcelain insulated. For No. 791 Surgical Handle.	"B"	1.75
795-R LUPEM	**CUTTING LOOP ¼" DIAMETER.** For No. 791 Surgical Handle. See No. 795-E and 795-S.	"B"	1.75
795-S LOPET	**CUTTING LOOP ¾" DIAMETER.** For 791 Surgical Handle. See No. 795-E and 795-R.	"B"	1.75
796 SUFUT	**THREE-PEDAL FOOTSWITCH.** For use with Birtcher Electrosurgical Units, this sturdy, streamlined, aluminum footswitch permits the use of either coagulation or cutting current, or both simultaneously. SPECIFY MODEL OF UNIT.	"B"	34.50
797 SUPAD	**INDIFFERENT PAD ELECTRODE** for use with Birtcher Electrosurgical Units. Made of Stainless Steel permanently bonded to sponge rubber pad backing. SPECIFY MODEL OF UNIT.	"B"	17.50
798-H ELDER	**ADJUSTABLE ELECTRODE HOLDER** with corner casting. Finished in heavy chrome. Can be completely disassembled easily for sterilization. Active electrode holding head made of stainless steel with Pyrex Tubes. Urological Pan (optional) for holding Sounds, Resectoscopes, etc. during operation may be specified.	"C"	90.00

TUBES

Cat. No. & Telegraph Code Word	ITEM	Class Discount	Price Retail
UXCV-11 TUGER	**POWER TUBE** for 850 Challenger Short Wave Units and 799-H Electrosurgical Unit.	"D"	14.00
311-CH TOBAM	**POWER TUBE** for No. 800 Crystal Bandmaster S. W. Diathermy.	"D"	21.00
CV-11 TUSUT	**POWER TUBE** for No. 750 "Blendtome" Electrosurgical Unit.	"D"	14.00
807 TUCYS	**POWER TUBE** for Crystal Stage on No. 800 Crystal Bandmaster.	"D"	5.00
812-A TUSON	**POWER TUBE** for No. U-101 Ultrasonic Unit.	"D"	5.00
5R4GY BAREC	**RECTIFIER TUBE** for No. 800 Crystal Bandmaster S. W. Diathermy.	"D"	3.50
966 SUREC	**RECTIFIER TUBE** for Challenger Units and No. 800 Crystal Bandmaster S. W. Diathermy.	"D"	3.50
800X-2 UCROX	**6780 KC. QUARTZ CRYSTAL** for No. 800 Bandmaster S.W.D. for replacement in all units dated in 1948 or later.	"D"	7.50

SPECIAL VOLTAGES AND FREQUENCIES

SPECIAL VOLTAGES AND FREQUENCIES

Prices are quoted on apparatus for operating on 110/120 Volt, 50/60 Cycle Alternating Current. For operation on other voltages or frequencies extra charges are made as follows:

MODELS No. 625, 709, and 712
For voltage or frequency other than 110/120.....$ 3.50 net, extra

MODEL No. 750
For voltages other than 110/120.....$ 5.00 net, extra

MODELS No. 799-H, 799-P
For voltage other than 110/120.....$25.00 net, extra
For frequency other than 50/60 cycle.....$25.00 net, extra

MODEL No. 800
For voltage other than 110/120.....$15.00 net, extra
For frequency other than 50/60 cycle.....$17.50 net, extra

MODEL No. 850
For voltage other than 110/120.....$15.00 net, extra
For frequency other than 50/60 cycle.....$17.50 net, extra

For "VOLTAGE TAPS," so machine can be operated on more than one voltage by making a simple adjustment, add $5.00 for first "TAP" and $2.50 for each additional "TAP."

INTERCHANGEABLE TIPS FOR USE ON ALL BIRTCHER ELECTRODES

Interchangeable tips are an exclusive feature, permitting the use of all Birtcher Electrodes on practically all makes of machines. In case the machine you desire to fit is not listed below, specify with your order make of machine, the length and diameter of the tip required, together with cord length.

CORD TIP NO. 661

NAME	Number
A.C.M.I. (Misc. Electrodes)	9
(Resect., No. 725)	21
Aloe ("Aloetherm")	1
("Aloetherm," Cable & Drum)	34
("Aloetron")	1
("Aloetron," Cable & Drum)	18
("Aloetome" & "Supertome"—Active Electr.)	1
("Aloetome" Indifferent)	2
Birtcher ("Bandmaster" Cable & Drum)	34
("Bandmaster," Surgery)	1
("Challenger")	1
("Challenger," Cable & Drum)	35
(Surgical Unit — Old Style)	3
(Surgical Unit — 799-H & -P Active Electr.)	1
(Surgical Unit — 799-H & -P Indifferent)	2
Burdick (S-W, D-80 Crystal)	26
Cameron (Female Tip)	25
Davis-Bovie	12
Dallon ("Meditherm")	32
Fischer, H. G. (S-W 17)	3
(Model "R")	10
Fischer, Robert ("Fischertherm")	1
General Electric	11
Hanovia (Sm. Tip, 38" Lead)	14
(Large Tip)	12
Liebel-Flarsheim (S-W 221, 41" Lead, TC, 38" Lead)	4
Meditherm (Dallon)	32
National Electric	21
Rose (Electrosurgery)	13
Wappler (Model C-263)	17
(Model C-507)	9
(Surgery, Pin Jack)	30

THE BIRTCHER CORPORATION

"Honest Value Sincerely Presented"

Cable Address:
"BIRTCORP"

4371 VALLEY BOULEVARD
LOS ANGELES 32, CALIFORNIA

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